

Sheet 1 of 7

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Form PTO-1449

Docket No.:
IRC253 (I4060/166544)Application No.
09/529,464INFORMATION DISCLOSURE
CITATION
IN AN APPLICATION
(Use several sheets if necessary)Applicants:
Graham Scott *et al*Filing Date:
June 19, 2000Group Art Unit
1771

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JH3	5,965,232	10/12/1999	Vinod	428	85	
	5,939,166	08/17/1999	Cheng <i>et al</i>	428	92	
	5,763,040	06/09/1998	Murphy <i>et al</i>	428	96	
	5,747,133	05/05/1998	Vinod <i>et al</i>	428	46	
	5,709,716	1/20/1998	Taylor	8	401	
	5,662,980	09/02/1997	Howell <i>et al</i>	428	88	
	5,645,782	07/08/1997	Howell <i>et al</i>	264	103	
	5,525,416	06/11/1996	Katz <i>et al</i>	428	283	
	5,464,911	11/07/1995	Williams <i>et al</i>	525	502	
	5,294,384	03/15/1994	David <i>et al</i>	264	37	
	5,238,464	08/24/1993	Johnson <i>et al</i>	8	127.1	
	5,217,655	06/08/1993	Schmidt	264	22	
	5,206,053	04/27/1993	Calcaterra <i>et al</i>	427	373	
	5,198,277	03/30/1993	Hamilton <i>et al</i>	428	92	
	5,122,569	06/16/1992	Scheibelhoffer <i>et al</i>	525	66	
	5,122,404	06/16/1992	Fowler	428	87	
	5,112,908	05/12/1992	Epstein	525	66	
	5,096,764	03/17/1992	Terry <i>et al</i>	428	95	
	5,065,600	11/19/1991	Byles	66	193	
	5,030,497	07/09/1991	Claessen	428	95	
	5,010,138	04/23/1991	Westeppe <i>et al</i>	525	183	
	4,988,764	01/29/1991	Nishio <i>et al</i>	525	66	
	4,988,551	01/29/1991	Zegler	428	40	
	4,968,463	11/06/1990	Levasseur	264	40.1	
JH3	4,963,409	10/16/1990	Liss <i>et al</i>	428	96	

Examiner:

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		Applicants: Graham Scott <i>et al</i>					
		Filing Date: June 19, 2000		Group Art Unit 1771			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JHB		4,886,708	12/12/1989	Marchal	428	447	
		4,877,827	10/31/1989	Van Der Groep	524	477	
		4,870,110	09/26/1989	Mehra <i>et al</i>	521	46.5	
		4,853,280	08/01/1989	Poteet	428	286	
		4,849,267	07/18/1989	Ward <i>et al</i>	428	41	
		4,844,765	07/04/1989	Reith	156	306.6	
		4,842,609	06/27/1989	Johnson	8	115.7	
		4,824,498	04/25/1989	Goodwin <i>et al</i>	156	71	
		4,797,170	01/10/1989	Hoopengardner	156	71	
		4,750,911	06/14/1988	Hansen <i>et al</i>	8	584	
		4,702,948	10/27/1987	Sieber-Gadient	428	40	
		4,695,493	09/22/1987	Friedlander <i>et al</i>	428	40	
		4,680,209	07/14/1987	Zybko <i>et al</i>	428	35	
		4,647,484	03/03/1987	Higgins	428	40	
		4,645,709	02/24/1987	Klare	428	251	
		4,617,210	10/14/1986	Zybko	428	35	
		4,563,378	01/07/1986	Roth	428	86	
		4,557,774	12/10/1985	Hoopengardner	156	71	
		4,556,602	12/03/1985	Williams	428	259	
		4,461,802	07/24/1984	Lausch	428	229	
	4,437,918	03/20/1984	Morohashi <i>et al</i>	156	322		
	4,405,668	09/20/1983	Wald	428	40		
JHB		4,389,447	06/21/1983	Disselbeck <i>et al</i>	428	178	
Examiner: <i>James Hugh Babin</i>		Date Considered: <i>7/8/02</i>					
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JCS	4,371,576	02/01/1983	Machell	428	92	
	4,364,331	12/21/1982	Foenard	119	28	
	4,359,556	11/16/1982	Lakshmanan <i>et al</i>	525	420.5	
	4,338,369	07/06/1982	Foenard	428	235	
	4,324,824	04/13/1982	Narens <i>et al</i>	428	92	
	4,265,849	05/05/1981	Borenstein	264	168	
	4,251,587	02/17/1981	Mimura <i>et al</i>	428	233	
	4,250,222	02/10/1981	Mavel <i>et al</i>	428	285	
	4,242,389	12/30/1980	Howell	428	40	
	4,234,649	11/18/1980	Ward	428	255	
	4,158,646	06/19/1979	Benkowski <i>et al</i>	260	2.3	
	4,105,709	08/08/1978	Iwami <i>et al</i>	260	857 L	
	4,092,107	05/30/1978	Beck <i>et al</i>	8	116.1	
	4,048,368	09/13/1977	Hale <i>et al</i>	428	235	
	4,028,159	06/07/1977	Norris	156	94	
	4,018,957	04/19/1997	Werner <i>et al</i>	428	141	
	4,003,866	01/18/1977	Paturle	260	17.4 R	
	3,985,925	10/12/1976	Lefebvre <i>et al</i>	428	92	
	3,975,562	08/17/1976	Madebach <i>et al</i>	428	95	
	3,778,337	12/11/1973	Mand <i>et al</i>	161	95	
JCS	3,728,182	04/17/1973	Wisotzky <i>et al</i>	156	72	
	3,698,973	10/17/1972	Wisotzky <i>et al</i>	156	78	
	3,695,987	10/03/1972	Wisotzky <i>et al</i>	161	67	
	3,689,355	09/05/1972	Hornbaker <i>et al</i>	161	92	

Examiner:

James J. Hughes

Date Considered:

7/8/02

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: IRC253(14060/166544)	Application No. 09/529,464
	Applicants: Graham Scott <i>et al</i>	
	Filing Date: June 19, 2000	Group Art Unit 1771

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
gmo	3,681,188	08/01/1972	Harris	161	173	
	3,658,752	04/25/1972	Das <i>et al</i>	260	41.5 A	
	3,654,219	04/04/1972	Boyer <i>et al</i>	260	41.5	
	3,620,890	11/16/1971	Kemmler	161	6	
	3,560,284	02/02/1971	Wisotzky <i>et al</i>	156	72	
	3,551,231	12/29/1970	Smedberg	156	72	
	3,410,747	11/12/1968	Orr	161	64	
	3,399,102	08/27/1968	Matsushita <i>et al</i>	161	64	
	3,334,153	08/01/1967	Fukushima <i>et al</i>	260	857	
	3,085,027	04/09/1963	Porteous	117	68	
	3,015,149	01/02/1962	Foster <i>et al</i>	28	78	
	3,014,829	12/26/1961	Curtin	154	49	
	2,911,747	11/10/1959	Sundt	41	4	
	2,707,160	04/26/1955	Van Issum	154	49	
	2,497,716	02/14/1950	Bloch <i>et al</i>	28	74	
	2,327,573	08/24/1943	Walsh	117	65	
	1,887,979	11/15/1932	Levin	442	35	
	1,468,818	09/25/1923	Kirkpatrick	442	89	
	835,765	11/13/1906	Richter			
	590,842	09/28/1897	Kennedy			

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: IRC253(14060/166544)	Application No. 09/529,464
	Applicants: Graham Scott et al	
	Filing Date: June 19, 2000	Group Art Unit 1771

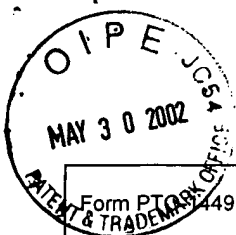
FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
JMS		CA 2,080,259 ✓	04/11/1993	Canada	B29C	045/14		
		EP 0745711 ✓	12/04/1996	Europe	D02J	1/22		
		EP 0570236 ✓	11/18/1993	Europe	A47G	27/02		
		EP 0538625 ✓	04/28/1993	Europe	D06N	7/00		
		EP 0511469 ✓	11/04/1992	Europe	D06N	3/12		
		EP 0334169 ✓	09/27/1989	Europe	D06N	7/00		
		EP 0297611 ✓	01/04/1989	Europe	D06N	7/00		
		EP 0281332	09/07/1988	Europe	D06N	7/00		
		EP 0270330 ✓	06/08/1988	Europe	D06N	7/00		
		EP 0262817 ✓	04/06/1988	Europe	A47L	23/26		
		EP 0188005 ✓	07/23/1986	Europe	A47G	27/02		
		EP 0171201 ✓	02/12/1986	Europe	D06N	7/00		
JMS		EP 0164502 ✓	12/18/1985	Europe	D06N	7/00		
		EP 0044114 ✓	01/20/1982	Europe	D06N	7/00		
		FR 2160631 ✓	06/29/1973	France	D06N	3/00		
JMS		DE 29600724 ✓	03/27/1997	Germany	D06N	7/00		
		DE 29610846 ✓	09/12/1996	Germany	D06N	7/00		
		G 9314768 ✓	03/16/1995	Germany	D06N	7/00		
		G 8400261 ✓	04/21/1994	Germany	D06N	7/00		
JMS		DE 4234254 ✓	04/14/1994	Germany	D06N	7/00		
		G 9215328 ✓	06/03/1993	Germany	D06N	7/00		
		G 9116536 ✓	02/18/1993	Germany	D06N	7/00		
JMS		DE 4014012 ✓	10/31/1991	Germany	C08J	11/04		
		G 8518023 ✓	12/12/1985	Germany	D06N	7/00		
JMS		DE 3347598 ✓	08/14/1985	Germany	D06N	7/00		
		GM 7932724 ✓	05/08/1980	Germany	D06N	7/00		

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Form PTO-9449

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IRC253(14060/166544)Application No.
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Graham Scott *et al*Filing Date:
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1771

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
		DE 2425751	12/11/1975	Germany	B29B	1/02		
	gms	GB 2284152 ✓	05/31/1995	Great Britain	A47G	27/02		
		GB 2049540 ✓	12/31/1980	Great Britain	B29J	5/04		
		GB 1372424 ✓	10/30/1974	Great Britain	B32B	7/02		
		GB 1329694 ✓	09/12/1973	Great Britain	B32B	5/26		
		GB 1327405 ✓	08/22/1973	Great Britain	A47G	27/00		
		GB 1312311 ✓	04/04/1973	Great Britain	D04H	1/48		
		GB 1289921 ✓	09/20/1972	Great Britain	H05B	3/20		
		GB 1254826 ✓	11/24/1971	Great Britain	D02G	3/02		
		GB 1230150 ✓	04/28/1971	Great Britain	B32B	5/18		
		GB 1194027 ✓	06/10/1970	Great Britain	B32B	5/02		
		GB 1193080 ✓	05/28/1970	Great Britain	D06M	15/30		
		GB 1121040 ✓	07/24/1968	Great Britain	B32B	11/04		
		JP 3239754 ✓	10/25/1991	Japan	C08L	77/00		
		JP 60206868 ✓	10/18/1985	Japan	C08L	101/00		
		WO 99/11851 ✓	03/11/1999	PCT	D03D	11/00		
		WO 98/14656 ✓	04/09/1998	PCT	D06N	7/00		
		WO 97/01665 ✓	01/16/1997	PCT	D06N	7/00		
		WO 96/22414 ✓	07/25/1996	PCT	D06N	7/00		
		WO 93/24694 ✓	12/09/1993	PCT	D04H	13/00		
		WO 91/15625 ✓	10/17/1991	PCT	D06N	7/00		
	gms	WO 80/01178 ✓	06/12/1980	PCT	D06N	7/00		
		SU 1058978	12/07/1983	Soviet Union	C08J	11/04		

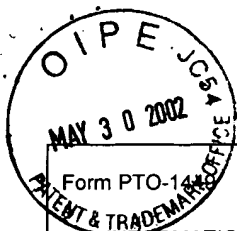
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Brody, H., Synthetic Fibre Materials, Longman Scientific & Technical, 1994, pp. 134-140.Tant, Martin R. *et al.*, "Physical Aging Studies of Semicrystalline Poly(ethylene Terephthalate)," Journal of Applied Polymer Science, Vol. 26 (1981), pp. 2813-2825.

Examiner:

Date Considered:

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Form PTO-146 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket No.: IRC253(I4060/166544)	Application No. 09/529,464
		Applicants: Graham Scott <i>et al</i>	
		Filing Date: June 19, 2000	Group Art Unit 1771
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
JB	✓	Encyclopedia of Textiles, 2 nd Edition, Prentice-Hall, Inc., 1972, pp. 197-211, 299-307, 316-317, 318-338, 484-494.	
	✓	Chuah, Hoe H. <i>et al.</i> , "Dyeing and Staining of Poly(Trimethylene Terephthalate) Carpets," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:PTT1 , no later than May 29, 1998.	
	✓	Werny, Frank <i>et al.</i> , "PTT. A New Polyester for the Carpet Industry. An Overview of Extrusion, Texturing, Twisting and the Effects of Heat-Setting.," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:PTT2 , no later than May 29, 1998.	
	✓	Chuah, H.H. <i>et al.</i> , "CORTERRA™ POLY(Trimethylene Terephthalate) A New Performance Carpet Fiber," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:PTT3 , no later than May 29, 1998.	
	✓	Werny, Frank, "The Floor Performance of Synthetic Polymers Currently Used in Carpet Fibers," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:PTT4 , no later than May 29, 1998.	
	✓	Brown, Houston S. <i>et al.</i> , "Poly(Trimethylene Terephthalate) – A New (Old) Fiber," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:PTT5 , no later than May 29, 1998.	
	✓	Werny, Frank <i>et al.</i> "Texturing of Corterra™ BCF Performance in Carpets," http://www.shellchemicals.com/CMMIWEB\GLOBCHEM.NSF/Literature/SC:cortbef , no later than May 29, 1998.	
	✓	Gheysen, Nico <i>et al.</i> "Face-to-face carpet weaving for creativity and productivity." – Admitted prior art.	
JB	✓	"Carpet Manufacturing." – Admitted prior art.	
Examiner: <i>James D. Byer</i>		Date Considered: <i>7/8/02</i>	
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